ELSEVIER

Toxicology Letters 107 (1999) 255–256

Toxicology Letters

# Author index

## Volume 107 (1999)

Abke, W., see Schweinsberg, F. **107**, 201
Amr, M.M., Pesticide monitoring and its health problems in Egypt, a third world country **107**, 1
Angerer, J., see Hardt, J. **107**, 89
Appl, U., see Hardt, J. **107**, 89
Arrebola, F.J., J.L. Martínez Vidal, A. Fernández-Gutiérrez, Excretion study of endosulfan in urine of a pest control operator **107**, 15

Banerjee, B.D., The influence of various factors on immune toxicity assessment of pesticide chemicals **107**, 21
Banerjee, B.D., V. Seth, A. Bhattacharya, S.T. Pasha, A.K. Chakraborty, Biochemical effects of some pesticides on lipid peroxidation and free-radical scavengers **107**, 33
Bhattacharya, A., see Banerjee, B.D. **107**, 33
Bigalke, B., see Fischer, A.B. **107**, 75
Blain, P.G., see Mutch, E. **107**, 177
Borck, H., see Diel, F. **107**, 65
Bradatsch, M., see Straube, E. **107**, 225
Butte, W., K. Kemper, A spectrophotometric assay for pyrethroid-cleaving enzymes in human serum **107**, 49

Chakraborty, A.K., see Banerjee, B.D. **107**, 33
Colosio, C., see Maroni, M. **107**, 145

Dési, I., L. Nagymajtényi, Electrophysiological biomarkers of an organophosphorous pesticide, dichlorvos **107**, 55
Diel, E., see Diel, F. **107**, 65
Diel, F., B. Horr, H. Borck, H. Savtchenko, T. Mitsche, E. Diel, Pyrethroids and piperonyl-butoxide affect human T-lymphocytes in vitro **107**, 65
Dongren, Y., L. Tao, H. Fengsheng, Electroneurophysiological studies in rats of acute dimethoate poisoning **107**, 249

Eikmann, T., see Fischer, A.B. **107**, 75
Eyer, F., see Thiermann, H. **107**, 233
Eyer, P., see Thiermann, H. **107**, 233

Fait, A., see Maroni, M. **107**, 145
Felgenhauer, N., see Thiermann, H. **107**, 233
Fengsheng, H., see Dongren, Y. **107**, 249
Fernández-Gutiérrez, A., see Arrebola, F.J. **107**, 15
Fischer, A.B., B. Bigalke, C. Herr, T. Eikmann, Pest control in public institutions **107**, 75

Gabriel, K.L., see Selim, S. **107**, 207

Hadnagy, W., N.H. Seemayer, K.-H. Kühn, G. Leng, H. Idel, Induction of mitotic cell division disturbances and mitotic arrest by pyrethroids in V79 cell cultures **107**, 81
Hadnagy, W., see Stiller-Winkler, R. **107**, 219
Hallier, E., see Müller, M. **107**, 155
Hardt, J., U. Appl, J. Angerer, Biological monitoring of exposure to pirimicarb: hydroxypyrimidines in human urine **107**, 89
Herr, C., see Fischer, A.B. **107**, 75
Horr, B., see Diel, F. **107**, 65
Hura, B.A., see Hura, C. **107**, 103
Hura, C., M. Leanca, L. Rusu, B.A. Hura, Risk assessment of pollution with pesticides in food in the Eastern Romania area (1996–1997) **107**, 103

Idel, H., see Hadnagy, W. **107**, 81
Idel, H., see Leng, G. **107**, 109
Idel, H., see Leng, G. **107**, 123
Idel, H., see Stiller-Winkler, R. **107**, 219

Jacob-Meisel, M., see Straube, E. **107**, 225
Jonkman, J.H.G., see Selim, S. **107**, 207
Jürgens, U., see Müller, M. **107**, 155

Kemper, K., see Butte, W. **107**, 49
Krüger, E., see Straube, E. **107**, 225
Kühn, K.-H., see Hadnagy, W. **107**, 81
Kühn, K.-H., see Leng, G. **107**, 109

Lange, M., see Müller, M. **107**, 155
Leanca, M., see Hura, C. **107**, 103
Leng, G., J. Lewalter, B. Röhrig, H. Idel, The influence of individual susceptibility in pyrethroid exposure **107**, 123
Leng, G., K.-H. Kühn, B. Wieseler, H. Idel, Metabolism of (*S*)-bioallethrin and related compounds in humans **107**, 109

PII: S0378-4274(99)00120-4

Leng, G., see Hadnagy, W. **107**, 81
Leng, G., see Lewalter, J. **107**, 131
Leng, G., see Stiller-Winkler, R. **107**, 219
Lewalter, J., G. Leng, Consideration of individual susceptibility in adverse pesticide effects **107**, 131
Lewalter, J., see Leng, G. **107**, 123

Maroni, M., A. Fait, C. Colosio, Risk assessment and management of occupational exposure to pesticides **107**, 145
Martínez Vidal, J.L., see Arrebola, F.J. **107**, 15
Merkel, G., see Neuber, K. **107**, 189
Mitsche, T., see Diel, F. **107**, 65
Müller-Mohnssen, H., Chronic sequelae and irreversible injuries following acute pyrethroid intoxication **107**, 161
Müller, M., P. Reinhold, M. Lange, M. Zeise, U. Jürgens, E. Hallier, Photometric determination of human serum bromide levels—a convenient biomonitoring parameter for methyl bromide exposure **107**, 155
Mutch, E., P.G. Blain, F.M. Williams, The role of metabolism in determining susceptibility to parathion toxicity in man **107**, 177

Nagymajtényi, L., see Dési, I. **107**, 55
Neuber, K., G. Merkel, F.F.E. Randow, Indoor air pollution by lindane and DDT indicated by head hair samples of children **107**, 189

Osimitz, T.G., see Selim, S. **107**, 207

Pasha, S.T., see Banerjee, B.D. **107**, 33
Pauluhn, J., Hazard identification and risk assessment of pyrethroids in the indoor environment **107**, 193
Preiss, F.J., see Selim, S. **107**, 207

Randow, F.F.E., see Neuber, K. **107**, 189
Reinhold, P., see Müller, M. **107**, 155
Rieth, K., see Schweinsberg, F. **107**, 201
Rohmann, U., see Schweinsberg, F. **107**, 201
Röhrig, B., see Leng, G. **107**, 123
Rose, H.-J., see Straube, E. **107**, 225
Rusu, L., see Hura, C. **107**, 103

Savtchenko, H., see Diel, F. **107**, 65
Schweinsberg, F., W. Abke, K. Rieth, U. Rohmann, N. Zullei-Seibert, Herbicide use on railway tracks for safety reasons in Germany? **107**, 201
Seemayer, N.H., see Hadnagy, W. **107**, 81
Selim, S., F.J. Preiss, K.L. Gabriel, J.H.G. Jonkman, T.G. Osimitz, Absorption and mass balance of piperonyl butoxide following an 8-h dermal exposure in human volunteers **107**, 207
Seth, V., see Banerjee, B.D. **107**, 33
Stiller-Winkler, R., W. Hadnagy, G. Leng, E. Straube, H. Idel, Immunological parameters in humans exposed to pesticides in the agricultural environment **107**, 219
Straube, E., see Stiller-Winkler, R. **107**, 219
Straube, E., W. Straube, E. Krüger, M. Bradatsch, M. Jacob-Meisel, H.-J. Rose, Disruption of male sex hormones with regard to pesticides: pathophysiological and regulatory aspects **107**, 225
Straube, W., see Straube, E. **107**, 225
Szinicz, L., see Thiermann, H. **107**, 233

Tao, L., see Dongren, Y. **107**, 249
Thiermann, H., L. Szinicz, F. Eyer, F. Worek, P. Eyer, N. Felgenhauer, T. Zilker, Modern strategies in therapy of organophosphate poisoning **107**, 233

van Hemmen, J.J., Biocides Steering Group on human exposure assessment: a preliminary report **107**, 95

Watterson, A.E., Regulating pesticides in the UK: a case study of risk management problems relating to the organophosphate diazinon **107**, 241
Wieseler, B., see Leng, G. **107**, 109
Williams, F.M., see Mutch, E. **107**, 177
Worek, F., see Thiermann, H. **107**, 233

Zeise, M., see Müller, M. **107**, 155
Zilker, T., see Thiermann, H. **107**, 233
Zullei-Seibert, N., see Schweinsberg, F. **107**, 201

ELSEVIER

Toxicology Letters 107 (1999) 257–258

Toxicology Letters

# Subject index

## Volume 107 (1999)

Acetylcholinesterase **107**, 177
Acute toxicity **107**, 177
Alternative methods of pest control **107**, 75
Assessment of occupational exposure **107**, 145
Authorization procedures **107**, 95

Biocides **107**, 95
Biological monitoring **107**, 15, 145
Biomarkers **107**, 55
Biomonitoring **107**, 89, 155
Biomonitoring method **107**, 109
Biotransformation **107**, 21

Capacity of the individual metabolic rate **107**, 131
Carboxylesterase activity in lymphocytes **107**, 123
Casuistics **107**, 161
Cell-mediated immune response **107**, 21
Chrysanthemumdicarboxylic acid **107**, 109
CNS **107**, 55
Cockroach control **107**, 75
Cockroach traps and baits **107**, 75
CYP3A **107**, 177
Cytotoxicity **107**, 81

DDT **107**, 189
Dermal absorption **107**, 207
Dermal exposure **107**, 95
Diazinon **107**, 241
Dichlorvos **107**, 55
Dimethoate **107**, 249

Endosulfan **107**, 15
Enzyme polymorphism **107**, 131
Estradiol **107**, 225
Excretion **107**, 15
Exposure assessment **107**, 95

Food **107**, 103

Glutathione **107**, 33

Hair analysis **107**, 189
Half-life time of cyfluthrin in plasma **107**, 123
Half-life time of metabolites in urine **107**, 123
Hazard identification **107**, 193
Health effects **107**, 1
Health surveillance at the workplace **107**, 145
Histamine liberation **107**, 65
Human **107**, 207
Human metabolism **107**, 109
Human physiological serum bromide level **107**, 155
Human poisoning **107**, 33
Human urine **107**, 15
Humoral immune response **107**, 21
Hydroxypyrimidine **107**, 89

Immune defense **107**, 219
Immunological parameters **107**, 219
Immunotoxicity **107**, 21
Individual susceptibility **107**, 123, 131
Indoor air **107**, 189
Indoor environment **107**, 193
Insecticide decontamination **107**, 75
Insecticide residues **107**, 75
Interferon-$\gamma$ **107**, 65
Interindividual variations **107**, 177
Interleukin-4 **107**, 65
Irreversible residues **107**, 161

Lactation **107**, 55
LH **107**, 225
Lindane **107**, 33, 189
Lymphocytes **107**, 65

Malathion **107**, 33
Mass balance **107**, 207
Maternal body **107**, 103
Metabolites **107**, 89
Methyl bromide **107**, 155
Mitotic arrest **107**, 81
Mitotic spindle disturbances **107**, 81
Muscle weakness **107**, 249

PII: S0378-4274(99)00121-6

Neurotoxicology **107**, 55

Obidoxime **107**, 233
Occupational exposure **107**, 15, 155
Occupational exposure to pesticides **107**, 145
Organophosphate poisoning **107**, 233
Organophosphates **107**, 241
Oxidative stress **107**, 21, 33
Oxydemeton methyl **107**, 233

Parathion **107**, 177, 233
Pesticide applicators **107**, 219
Pesticides **107**, 1, 103
Phosphorothioate pesticides **107**, 177
Photo-metric determination **107**, 155
Piperonyl butoxide **107**, 207
Piperonyl-butoxide **107**, 65
Pirimicarb **107**, 89
PNS **107**, 55
Post-marketing prevention **107**, 145
Postweaning **107**, 55
Pralidoxime **107**, 233
Pregnancy **107**, 55
Pre-marketing prevention **107**, 145
Propoxur **107**, 33
Pyrethroid-cleaving esterases **107**, 49
Pyrethroid intoxication **107**, 161
Pyrethroids **107**, 65, 81, 123, 193

Registration **107**, 1
Repetitive nerve stimulation **107**, 249
Residues **107**, 1
Risk assessment **107**, 21, 145, 193
Risk management **107**, 145, 241

(*S*)-Bioallethrin **107**, 109
Single fiber electromyography **107**, 249
Spectrophotometric assay **107**, 49
Susceptibility **107**, 49
Symptoms **107**, 123
Synthesis **107**, 109

Testosterone **107**, 225
Three generations **107**, 55
T8-lymphocytes **107**, 225
T4-lymphocytes **107**, 225

Urine **107**, 89

Variability of toxifying and detoxifying metabolic rates **107**, 131
V79 cells **107**, 81

Wood preservation **107**, 189

Young body **107**, 103